			Recei	ving Rep	ort		
	Date: /	4/01/	7	<u> Salor</u>	No: M	12786	6
	Supplier: //	(S)AV)	osolubra	Dart i	P/O: 1	22429	
Packing Slip: Invoice: Receipt:	Yes Yes Cash	No No Cr	V S	elease Note A Vaybill Attache hipment Comp C6 Inspection Vork Order	d: Ye)
Discrepancie Part			antity	Quantity	Quantity	Quantity	Comments
Number	Desci	ription	dered	Received	Returned	Short	
		•					
			Initials	s of receiver	(if shipment	OK) Level	12/1
Production/ADate Received/Co	14/	51/23				Locati	on

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

All amounts are calculated in domestic currency.

Purchase Order Receipt Listing

Wednesday, January 08, 2014 7:23:46.4M

All Vendors PO ID PO22424 Receipt Dates from 1/8/2014 to 1/8/2014 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Book Amt	\$1,102.26	\$2,027.07	\$877.91	\$236.72	362.4200 0.0000 0.0000 \$4,243.97
MRB Qty/ MRB Reject Qty	0 0	0 0	0 0	0 0	uantity: O U/M): uantity: t Value:
Inspected Qty/ Rejected Qty (PO U/M)	0.0000	0.0000	0.0000	0.0000	Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value:
Cost Per Unit/ Recv Value	\$28.82	\$10.56	\$7.80	\$12.03	Total
Recv Qty (PO U/M)	38.2500	192.0000	112.5000	19.6700	
Recv Date/ Recv Emp	1/8/2014 DESJ02	1/8/2014 DESJ02	1/8/2014 DESJ02	1/8/2014 DESJ02	
Required Date Required Qty	12/30/2013 36.0000	12/30/2013	12/30/2013	12/30/2013	
PO U/M / Stock U/M	Metaux Solutions)X4.000 f .250 X f	sf eet sf	W.04 f 750 f	W.08 f 750 f	
Reference/ Description/ Cert Std	VC-MET002 Metaux So M174B0.250X4.000 f 17-4 SS Bar .250 X f 4.00 m127866	M2024T3S.063 2024-T3 .063 sheet m127866	M4130NT0.750W.04 f 9 4130 RD Tube .750 f x.049W m127866	M4130NT0.750W.08 f 3 4130 RD Tube .750 f x.083W	000/7
Project ID Reference/ Description Cert Std					
Line Nbr/ Insp Req	idor Namo 1 No	2 No	No 3	4 N	
Purchase Order ID/ Curr Type	vendorID/Vendor Name PO22424 1 CAD No				

4.3300 \$4,243.97

Total Balance Due Quantity:

Shipping Order 30/12/2013

: 63063

Reference : 22424 Order

9188:

40

diys : PICK UP / PICK UP pia

of gine

Same

Tel: 1613 632-3336

Oty. Deliver

B/0 Oth

I&L: 450 641-3330 171 NAC **LONGUEUL, QUEBEC** 2625 BOUL JACQUES CARTIER EST MÉTAUX SOLUTIONS INC

Customer: 6323336

K6A1K7 HAWKESBURY, ONTARIO 1270, ABERDEEN STREET DART AEROSPACE LTD

Description .oN mot

112.5

991178; TH

84-N-E1TH ;TH

4130N TUBE .750 X .083

4130N TUBE .750 X .049

THE BAC BOTH SIDE

"00.4 X "4\r TAJ3 H9 4-7r

2024-T3 ALU SHEET .063 X 48 X 144

4r SHIP TST COLLECT

79.61 X 1

5 X 22.5'

0A410489;JH

HT; 256149 3 X 123"

Ref. :

Package No : _ : Buidding

DT3408330

DT3404930

AS06324

SF144174

Merchandise Received:

MUNIMULA

Phone: (800) 367-2586 Trentwood Works - Spokane, WA 99215

CERTIFIED TEST REPORT

4307140 Serial Number

N	TRA9 REMOTEUS	IMOBK BACKAGE:	OHOZONED DO MIMBEB:
			SOLD TO:
			V 2
	N. Carlotte		
			:01 -IIIIe
			:OT 9IH2

(MM 8.7385)	144.000 IN	:HTC	08.000 IN 48.000 IN 121)	(MM SO		GAUGE: 0.0630 IN		780ск ву 204364	:	90 PCS ES	WEIGHT SHIPPED:
		teet	IS Jal TH		ET.	BARE CLAD:	SOS4	G-2013(AG 91H2 UA-0S	10E ITEM: 3	1126898 KAISER ORDER NO:
	оиткаст иимвек:		RUN/LOAD:			CI VD:			SK PACK		Се7160 сизтомек РО NUMBER:

Certified Specifications

CMMP 025/RevU AveR/4/03S-A-DD-2MA 30/0/1

MHU 1708831: LOT 654014A0: 90 pieces; October

Dir / # Tests

CMMP 019/RevD AV9A/7504 2MA

Test Results

8.84: 8.84

Yield KSI (MPA)

A2U ni betleM

2.02: 8.61

Elongation %

Of v9A/60S & MT2A

£ togal

(A9M) ISX etsmitlU

Drop 41

Cast 632

Lot: 654014A0

Test Code: 1504

(ASTM E8/8557)

Temper Tensile: (EN 2005-1)

101	00.0	r0.0	20.0	02.0	10.0	4.1	49.0	4.3	. 22.0	60.0	Actual(wt%)
-101					110		NM	ດວ	HE.	IS	Chemistry:
	HZ.	٨	-11	NZ	- AO	5/1	1444				(ASTM E1251
			(418:			6.83 : 1.83 (374 : 074)		sM:niM)	Z / 17	3	1
	7:07:6:61		9.34:	9 30		0 00 - 1 00				and and	I CHOUSE

							rebnisme	A munim	ulA				
	30.0 31.0	EACH TOT	00.0	00.0 30.0	00.0	0.00	00.0	2.1 8.1	08.0 6.0	8.£	00.0	00.0	2024 MIN(wt%) MXX(wt%)
	XAM	ЯЗНТО	AZ	٨	IT	NZ	СВ	WG	NM	cn	33	IS	
							STIMI	ALLOY L					•
	£0:0	TOT	00.0	10.0	20.0	02.0	10.0	4.1	49.0	4.3	0.22	60'0	Chemistry: Actual(wt%)
_	язнто		HZ.	Λ	-11	NZ	- AO	MG	NW				(ASTM E1251)

CERTIFIED TEST REPORT

Serial Number 0417054



Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was mailed in the United States of America or a qualifying county per per ARS SAS.272-16), was manufactured in the United States of America, and meets the requirements of DFARS SAS.225 for domestic conformance with the requirements of the applicable specification tenderscard event. For metal all picknesses outside specification limits, mechanical composition meets apecification in requirements. All metal which is a solution heat treated complies with AMS S272. Any wateranty is limited to that shown herein and chemical composition meets apecification requirements. All metal which is a solution heat treated complies with AMS S272. Any wateranty is limited to that shown herein and chemical composition meets apecification requirements. All metal which is a solution heat treated complies with AMS S272. Any wateranty is limited to that shown herein and chemical composition meets apecification requirements. All metal which is solution heat treated complies with AMS S272. Any contrained properties are shown herein and chemical composition meets apecification of sale. Test reports see on tile, solution the treated complies with AMS S272. Any or the condition of kales American second that the condition of tales, and chemical composition meets apecificated Products, LLC laboratory. The recording of false, includious or trauding and the certificate may be punished as a fallony under faderal law. ISO-9001:2000 certified.

Page 2 of 2

JAMES HEMENWAY, LABORATORIES SUPERVISOR

Seze Bonr JACQUES CARTIER EST METAUX SOLUTIONS (RIVE-SUD)

OC 14N I

TONGAEAIF

EXPEDIÉ À: פטוג וֹה: MEIAUX SULUTIONS INC.

Sess Boul JACQUES CARTIER EST

VENDU A:

	IPL	NFC	õG	TONGOLENIE

P N S TA NBTA NB 0.027 0.034 0.001 0.009 0.291 0.29 COUNTRY OF ORIGIN: ITALY MECHANICAL PROPERTIES YLD STR ULT TEN \$ELONG \$RED HARDNESS TO STR ULT TEN \$EL	z-/1/47												
DOND A TA NETA NB COTT: R159078 MECHANICAL PROPERTIES TLD STR ULT TEN \$ELONG \$RED HARDNESS MECHANICAL PROPERTIES SECRIPTION KSI KSI IN 02 IN IN AREA BHN SELONG \$RED HARDNESS SAG SAG SAG SAG SAG SAG SAG	and the second						SIZE : 2	UIARD					
P N S TA NBTA NB O.027 0.034 0.001 0.009 0.291 0.29 COUNTRY OF ORIGIN: ITALY MECHANICAL PROPERTIES YLD STR ULT TEN %ELONG %RED HARDNESS 12 OND A SHED HARDNESS 12 12 12 13 146 346 346	NUS 712 =	NHB AB3	AA NI N	IN OS II	KZI	KZI							
P N S TA NBTA NB COUNTRY OF ORIGIN : ITALY COUNTRY OF ORIGIN : ITALY	9-60	SEA BHN		%ETONG	ULT TEN	ALS GIY	NOILa	COND Y DERCKIE					
P N S TA NBTA NB 9.027 0.034 0.000 0.291 0.29 CPT: R159078	MECHANICAL PROPERTIES												
${\sf AIM}$ AT S M ${\sf T}$													
660.0			O.29	ATAN 0.291	AT 6000.0	T00 0 S		D.027					
C SI MN CR MO CU NI CO 0.034 0.33 0.70 15.27 0.30 3.28 4.66 0.059	0 026 CO	99. Ѣ IN	3.28 3.28	OM 0 E . 0	CK IE.27	0 L 0 NW							
CHEMICAL ANALYSIS			S	ISYJANA JA	CHEWIC								
Specifications: AMS 5643 R ASTM A564 T630 10 ASME SA564 T630 10 AMS 2303 F ASTM A370 12A ASTM F899 12	ΟΤ	W F899 12 ME SA564 T630	NSA T2A	01 063 AS	T 482A MTSA I 076A MTSA		243 E	98 SMA					
Description: 17-4 HRAP BAR SOL ANN ASTM AS64 1/4 X 4 FLAT X 12' R/L ITEM: 511673 HEAT: 256149			oT enil			I7-4 HRAP I2' R/L	4 FLAT X	Descri Descri					

JOANNE DESPRES couvert par ce rapport rencontre les spécifications décrites cipossession. Par les présentes, nous certifions que le matériel Material did not come in contact with mercury while in our specifications inscrites aur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. (Par les présentes, nous certifions que le matériel couvert par ce rapport remonnre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal stantes. (Les informations fausses, fictives our l'inductions proposition) and par ce presentes informations fausses, fictives our l'induction proposition approprie de résultat des presentes and proposition de le freultat des ressis sont nunishable avec de résultat des ressis sont nunishable avec de résultat des ressis sont nunishables en vertu des lois frédérales. transcrites du certificat d'essais du manufacturier après vérification de l'état complet des results remain on file subject to examination. /Les informations ci-haut-mentionnées sont for completeness and specification requirements of the information on the certificate. All test The above data were transcribed from the manufacturer's Certificate of Test after verification

frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fèdérales.

VENDU À: EXPÉDIÉ À:

EXPÉDIÉ À:

EXPÉDIÉ À:

TONGUEULL QC J4N 1L7

TONGOLEULL QC J4N 1

(KINE-SND)

Line Total: 133

WELYNX SOUNTIONS

Description: 17-4 HRAP BAR SOL ANN ASTM A564

1/4 X 4 FLAT X 12' R/L HEAT: 256149

ILEW: SII673

MATERIAL IS FREE FROM MERCURY COUTAMINATION MACRO: OK

FWR NO :2303 WICKOI: OK

SEVERITY:0.0 PREQUENCY:0.0

Material did not come in contact with mercury while in our possession. Par les présentes, nous certifions que le materiel couvert par ce rapport rencontre les spécifications décrites cihaut.

JOANNE DESPRES

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. Ales informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites aur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a pair of the description. Alar les présentes, nous certifions que le matériel couvert parce rapport remontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punnishable as a felony under federal statutes. Ales informations fausses, fictives ou

frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

MATERIAL TEST REPORT



4069869079 Material Document: (P) DAM WA 640.0 GOOSTO 35.7-T-SMA 101406400370888A

:01 91AC

5900028

SEAMLESS 4130. AMS-6360M/AMS-T-6736B COND(N./MIL-T-6736B Description:

H113-N-48

Test: NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426.

MAGNETIC INSPECTED TO AMS2301.

040,0 TDT MUMIMUTA 0.020 TDF СОРРЕЯ 181.0 TDF **WOLYBDENUM** 0.920 TDE CHROMIUM 0.010 רםר NICKET 0,250 TDF SIFICON 900.0 LDL SULFUR 210,0 רםר PHOSPHORUS 064'0 TDT MANGANESE 0.310 רסר CARBON %

27 / 28 797'98 / 887'08 (ISd) 103627 / 103673 (ISd)

000.0 Severity Frequency rate 000.0 000.8 Grain Size 16 / 98 88) Hardness Elongation (%)

000.0 000.0

Decarb ID Partial (IN) Decarb OD Partial (IN)

Vield

Ultimate

Heat Number:

Tony Stubblefield Date: 11/22/2013

This document was prepared by means of electronic processing and is valid without signature. This document conforms to the requirements of Specification EM 10204 inspection Document Type 3.1. inspected in accordance with the specification and fulfills requirements in such respect. Webco Industries, Inc. certifies that the material described was manufactured and tested and/or

Cuality Manager

NORL OLDS! hit of theur tainetem no stab of mill certificate of the We certify this is a true crey

81-N-81H 2/51/21

Benteler Steel/Tube GmbH Tel::49.5254.81-0 Fax: 49.5254.13666 33104 Pederborn Residenzstraße 1

Steel/Tube BENTELER &

Abnahmeprüfzeugnis EN 10204-3.1 / Anhang Certificat de réception EN 10204-3.11 appendice Inspection Certificate EN 10204.3.1 / appendix

Dokument-Nr. No. de document: Document No.:

41-706188/001/P

Page: Blatt:

1 of 1 Yon

Page:

Halbzeuguntersuchung: Stahlsorte (4130 / Semi finished product examination: grade 4130 / Produit semi-fini: nuance 4130

		· · · · · ·		
	Decarburization Depth	671756		Schmelzen-Nr. Heat No. Coulée No.
	-	0020		Position Item Poste
	Outside 0,000 mm	G	min. 5	Korngröße Grain size Grosseur de grain (ASTM-E 112)
	Outside 0.000 mm Inside 0,070 mm	36	J(5/16") min. 35 HRC	Härtbarkeit (min Hardenability (m Trempabilité ((ASTM
		မ	J(8/16") min. 28 HRC	Härtbarkeit (min. Anforderungen) Hardenability (min. requirements) Trempabilité (exigence min.) (ASTM-A 255)
		0,020	F max. 0,34	Magnetpulverprüfung Magnetic particle inspec Essai à la poudre magnét (AMS 2301G / 2840J)
		0,015	S max, 0,25	Magnetpulverprüfung Magnetic particle inspection Essai à la poudre magnétique (AMS 2301G / 2640J)
A. C		8	max. S 2	Ess:
SENIAL E		R 1	max. R 1	Macrostructura test Essai de macrostructure (ASTM-E 381)
2		C 2	max. C 2	est cure

Der Stahl ist frei von Quecksilber verunreinigungen. / The steel is free of mercury contamination. / L'acier est libre des contaminations de mercure.

Paderborn Schloß Neuhaus, 23.07.2012 Tel.: (0)5254.81-1992 Fax: (0)5254.81-1991

of mill certificate or a se

data on material used to be LEDIO INO.

Thomas Gollan

inspection representative Abnahmebeauftragter

Controleur

K.C. NO.

Gustomer Me 770

151 croft

d

X 053" 475 6 4 Heat No. 5 #75 6 5.0. No. 1050 5 Y

Steel/Tube

Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn INSPECTION CERTIFICATE EN 10204-3.1 QERTIFICAT DE RECEPTION EN 10204-3.1 ABNAHMEPRÜFZEUGNIS EN 10204-3.1 Tel.: +49.5254.81-0 Fax: +49.5254.13666 Deutschland Dokument-Nr.:
Document No.: No. du document: 41-706188/001/P Hersteller: No. du certificat: Inspection No.:

Kunden-Bestell-Nr.: No, de commande du client: Purchase Order No.: Bentaler Auftrags-Nr.: 12-11760 TW M49276648 1575199

EN 10204:2005-01

Benteler Staal/Tube GmbH - Postfach 1340 - 33043 Paderborn - Deutschland

Dispatch Note No.: Versandanzeigen-Nr.: No. d'avis d'expédition:

Product: Produkt: Produit: NAHTLOSE STAHLROHRE TUBES D' ACIER SANS SOUDURE SEAMLESS STEEL TUBES

AMS-T-6736B Type 1, ASTM-A 519-2006, MIL-T-6736B Type 1

AMS 2253E-83, Aircraft Type, Seamless, Cold Finished

mon-

באחשים

AB GEL

O

Conditions de livraison: Terms of delivery: Lieferbedingungen:

Maße - Toleranzen:

Steel grade: Stahlsorte: Dimensions-tolérances: Dimensions-tolerances:

GRADE 4130,

AMS 6360L and AMS 6371J

Nuance d'acier:

État de livraison: Delivery condition: Lieferzustand:

Produktkennzeichnung:

Product marking:

GERMANY

ARZ = Ārzini;arbaschtihung, Etching ink marking, Gravus & Fencia - FK — Farbkentrachnung, colour marking, marquage par couleur - FS = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, international part couleur - FS = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, international part couleur - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage par pennurs - FSD = Farbketablootsrung, palet steercilling, marquage palet steercilling, marquage palet steercilling, marquage palet steercilling, marquage palet steer

FSD: BENTELER AMS-T-6736 B 1-MIL-T-6736 B 1- 4130 N HEAT-NO. CD AQ S DIMENSIONS WA

No. de commande Benteler: Barrteler Order No.:

4111360

Manufacturar's brand: Producteur: Herstellerzeichen:

Stempel des Abnehmebseuftragten: Marque du producteur:

Stamp of the inspection representative:

Poinçon du contrôleur:

Stahlerschmelzungsverfahren: ELEKTROSTAHL
Steelmaking process: ELECTRIC FURNACE Steelmaking process:

Procédé d'élaboration de l'acier: FOUR ELECTRIQUE

WA

















IDIN EN ISO 9001, ISO/TS-18949 CERTIFIED BY TUEV NORD CERTI [PED 97/23/EC CERTIFIED BY TUEV NORD SYSTEMS]





















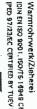












Manufacturer:













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-	E 4 A	Leg Di	0020 Prüfer	Pos. Item Poste	Proc	0020	Pos. Item	Schn	0020	Pos. Item Poste	ABN	Berrteler Sta Postfach 13 33043 Pade Deutschland Tel.: +49.5
	Augensichtkontrolle: Visual inspection: Examen visual:	Rohre wurd tubes are non- tubes ont pass	20 571756 fergebnisse /	Schmelzen-Nr. Hest No. te No. de coulés	luktanalyse (0 571756	Schmelzen-Nr. Heat No.	nelzenanalys	316	Stück Number Nombre	AHMEPRÜ CTION CERTIFIC FICAT DE RECEI	Berteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn Deutschland Tel.: +49.5254.81-0 Fax:
	trolle:	Die Rohre wurden zerstörungsfrei geprüft: The tubes ere non destructive tosted: Les tubes ont passé un essei non destructif:	0020 571756 0,320 0,250 Prüfergebnisse / Test results / Résultats des sessis	en-Nr.	Produktanalyse [%] / Product analysis [%] / Analyse sur produit [%]	0,320	e n Nr.	Schmeizenanalyse [%] / Heat analysis [%] / Analyse sur coulée [%]	0.750" O.D. 17 FT - 24	Maße Dimensions Dimensions	ABNAHMEPRÜFZEUGNIS EN 10204-3.1 INSPECTION CERTIFICATE EN 10204-3.1 CERTIFICAT DE RECEFTION EN 10204-3.1	Bertreier Steel/Tube GmbH Postfach 13 40 33043 Paderborn Deutschland Tel.: +49.5254.81-0 Fax: +49.5254.13666
		gsfrei g	20 ésultats o		alysis (9		S	Al sisyle	FI . 0.		3.4 <u>F</u>	13666
	PA	eprüft:	0,250 des essais	5	6] / Analys	0,240	21	6] / Analys	0.083 *		0204-3	
	PASSED		0,54	NIN	e sur produ	0,54	MN	a sur coulé		feet	8.1	
***************************************	Materi Material Vérifica	ET-tes ET-tes Notch width	0,006	י סר	it [%]	0,008	ס	6 (%)			Dokument-Nr.: Document No.: No. du document:	
	Materialverwechslun Material conformity text: Vérification de la nuence:	ET-test: acc. to ASTI ET-test: ET with rota Notch depth: 0,30 m width (max. 50 mm)	0	S			ဟ	-	602	Länge Length Longueur feat	nt-Nr.: No.: ument:	
	chslung ty test:	h rotatii),30 mm	0,002			0,002	The same of the sa		6023,62	Ten.		
	Materialverwechslungsprüfung: Material conformity test: Verification de la nuence:	ET-test: acc. to ASTM-A 450; ET - Test method: acc. to ASTM-ET-test: ET with rotating pancake coils; according to EN 10246. Notch depth: 0,30 mm; notch width < = notch depth; notch let width (max. 50 mm)	0,80	유		0,87	CR		3629	Gewicht Weight Poids Ibs	41-706188/001/P	
		ET - Test ke coils; width < =	0,7	Mo	Andreas Control of the Control of th	0,18	Mo		\ vi	=	88/001/8	
	PASSED	t method: acc. to AS IM- according to EN 10246 = notch depth; notch le	0,70			0,08	2	and the state of t	571756	Schmelzen-Nr. Hest No. No. de caulée		
		acc. to g to EN depth; n				-				2.	0 0 ×	
	Maßkontrolle: Dimensions examination: Vérification des dimensions:	ET-test: acc. to ASTM-A 450; ET - Test method: acc. to ASTM-E 309; for imperfections; ET-test: ET with rotating pancake coils; according to EN 10246-3; imperfections; Notch depth: 0,30 mm; notch width < = notch depth; notch length min. 2 x transducer width (max. 50 mm)		CC		0,09	2			Test pressure Tube number group Pression d'épreuve Série de no. des tubes	n No.: rtifloat:	
	netion:	-309; for imperioducing: -3; imperfections; ngth min. 2 x transducer		The second secon			A second description of the second se	And the second s		Tube number group Série de na. des tube		Ste
		ucer								as tubes		BENTEL Steel/Tube
	PASSED		BACCCE							Multiple lengths Longueurs multiples	Page: Page: Page:	ERV

Die Probennahme erfolgte an Wielfachlängen. The sampling was carried out on multiple langths. L'echantillonage etait realise aux longujurs multiples.

Ergebnisse der mechanischen Prüfung / Results of mechanical testing / Résultats des essais mécaniques

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M	
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Benteler Steel/Tube GmbH

Steel/Tube

Postfach 13 40 33043 Paderborn INSPECTION CERTIFICATE EN 10204-3.1 Deutschland CERTIFICAT DE RECEPTION EN 10204-3. ABNAHMEPRÜFZEUGNIS EN 10204-3.1 Tel.: +49.5254.81-0 Fax: +49.5254.13666 Zugversuch längs Vollprobe / Tensile test longitudinal Full section test specimen / Essei de traction longitudinale Eprouvette a section complete Hell Pos. Poste 0020 0020 Exigences Requirements Anforderungen 0020 0020 0020 0020 Proben-Nr. No. de l'éprouvette No de coulée Specimen No. 000002 100000 000006 000005 000004 000003 000007 Heat No Schmelzen-Nr. 571756 571756 571756 571756 571756 571756 571756 Specimen dimensions Probenabmessung MM Dimensions de l'éprouv. 19,06 X Dokument-Nr.:
Document No.:
No. du document: 2,07 2,07 2,07 2,07 2,07 2,07 2,07 Limite élastique then a blody Streckgrenze N/mm² 651 648 646 Rp 0,2 % 646 MIN 517 655 654 652 41-706188/001/P Zugfestigkeit 824 N/mm² Résistance à la traction Allongement Tensile strength 826 826 823 MIN 655 826 824 MIN 12 Elongation Inspection No.: No. du certificet: A2" 22 24 20 22 Pruf-Nr.: S 22 20 1. Formule 1. Formula . Formel Coefficient de striction Einschnürung Page: 3/ 4

Randentkohlung / Surface decarburgation / Décarburation superficielle

acc. MIL-T-6736B / AMS-T-6736B, decarburization outside max. 0.356 mm, decarburization outside + inside max. 0.46 mm

Vermerk / Remark / Remarque Certificate remarks: The steel grade corresponds to MIL-T-6736B, AMS 6360 and AMS 6371J, material free from mercury contamination, FAR BAA: 52.225-1 CANNOT COMPLY, DFARS BAA: 252.225-7001 CAN COMPLY, FAR TAA: 52.225-5 CAN COMPLY, Country of origin of the material and heat: Germany; SEE APPENDIX PAGE 1 OF 1 Macroscopic examination: acd. to ASTM-E 381 Pos. / Item / Poste: 0020

Grain size determination: acc. to ASTM-E 112, Grain size 5 and finer, Longitudinal structure micrography, On prematerial Magnetic particle inspec.: acc. to AMS 2301 G/2640, on prematerial Pos. / Item / Poste: 0020

Verkäufer(in) / Salesman/ woman in charge / Personne chargée : Mr Boeger, Tel.: 05254/81-4321, Fax: 4395

BENTELER V

Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderburn Deutschland Tel.: +49.5254.81-0 Fex: +49.5254.13666

Dokument-Nr.:
Document No.:
No. du document:

ABNAHMEPRÜFZEUGNIS EN 10204-3.1 INSPECTION CERTIFICATE EN 10204-3.1 GERTIFICAT DE RECEPTION EN 10204-3.

41-706188/001/P

Prof-Nr.: Inspection No.: No. du certificat:

Steel/Tube

Blatt: Page: Page:

4

Paderborn Schloß Neuhaus, 20-07.2012, TEL.: 05254.81-1767 FAX: 05254.81-1752

Abnahmebeauftragter Inspection representative Contrôleur

THOMAS GOLLAN / TEM

Es wird bestätigt, daß die gelieferten Erzeugnisse den tochn. Lieferbedingungen des Auttrages entsprechen. Dieses Dokument wurde mittels EDV ersiellt und ist ohne Unterschrift rechtsgültig.

We certify that the supplied products comply with the order specification. This document was prepared by means of electronic data processing and is valid without signature.

Nous attestons que les produits livrés sont conformes aux stipulations de le commande. Ce document a âté àtabli par traitement électronique de l'information at est valide sans signature.

PURCHASE ORDER

Purchase Order ID PO22424

PO Print Date 12/18/2013 Purchase Order Date 12/18/2013

Page Number 1 of 2

Tel: 613 632 9577 Hawkesbury, ON K6A 1K7 1270 Aberdeen Street Dart Aerospace Ltd.

Order From:

VC-MET002 DART AEROSPACE LTD oT qidS

CANADA HYMKEZBURY, ON K6A 1K7 1570 ABERDEEN

CVLONGUEUIL, QC 14N 1L7 7972 BONT 14CONES-CARTIIER EST **METAUX SOLUTIONS**

Ship To Contact

Ship Via: Ship To Phone

Ship Acet:

Line Comments

17-4 SS Bar .250 X 4.00

2024-T3 .063 sheet

WINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI MINIMOM AIETD LENSIFE SLIENGLH = 100KSI GRAIN MUST BE ALONG LENGTH OF BAR WATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643

M174B0.250X4.000

MATERIAL: 2024-T3 ALUMINUM SHEET

OI giM

Description/

QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209

Delivery Comments

Vendor Part Number

Npr

Line Reference

8288 822 008

Vendor Phone

Contact Name

Terms Customer Tax#

12/30/2013 Xes

12/30/2013

12/30/2013

12/30/2013

Promise Date

Taxable

Red Date/ CD



Chantal Lavoie

Customer POID

Net 30

Destination-Collect

de 38€ 00.8€

EOB

Currency

Buyer

Measure

to tinU

Req Qty/

192.00

10127-2607

PO Unit Price

Line Total:

Line Total:

\$11.23

\$30.6\$

\$5,156.00

\$2,156.00

\$1,103.40

04.601,18

Price

Extended

Fax: 613 632 1053

:910N PO Instructions: QUOTE # 8816

4 PCS PVC BOTH SIDE

M2024T3S.063

7

PURCHASE ORDER

Purchase Order ID PO22424

PO Print Date 12/18/2013 Purchase Order Date 12/18/2013

Page Number 2 of 2

Fax: 613 632 1053 Tel: 613 632 9577 Hawkesbury, ON K6A 1K7 1270 Aberdeen Street Dart Aerospace Ltd.



VC-MET002

1570 ABERDEEN DART AEROSPACE LTD : oT qid2

CANADA HYMKESBURY, ON K6A 1K7

0.001

Destination-Collect

Net 30

10127-2607

Chantal Lavoie

CA LONGUEUIL, QC 14N 1L7 **7972 BOUL JACQUES-CARTIIER EST WETAUX SOLUTIONS** Order From:

Vendor Phone 8288 828 008 Contact Name

Ship Via: Ship To Phone Ship To Contact

940.W027.0TN0£14M Ship Acet:

W640.x 4130 RD Tube .750

W£80.x

4130 RD Tube .750

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING

AS PER MIL-T-6736 OR AMS 6371/6360/6361

Line Total:

\$15.80

0£.8\$

\$307.20

\$307.20

00.058\$

00.088\$

09.96£,\$

12/30/2013

12/30/2013

12/30/2013 **ZeS**

12/30/2013

Currency

Customer Tax#

Customer POID

Terms

Buyer

SAME AS ABOVE

E80.W027.0TV0E14M

:IstoT Oq

PO Instructions: QUOTE # 8816

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

PST# 6122-5207 Certificate of Conformity or Material Certification required (YES)

Change Date: 12/18/2013

Change Nbr: